

Pergolizzi et al.

Serial No.: 08/479,995

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Page 5 [(Supplemental Amendment to Applicants' August 25, 1999

Amendment Under 37 C.F.R. §1.115) - January 19, 2000]

REMARKS

Reconsideration of this application is respectfully requested.

Claims 506-531 have been added above to the previously pending claims 283-362, 364-380, 382-398, 400-404, 406-439 and 441-505.

New claims 506-531 correspond in large part to claims 72-99 which were originally filed in U.S. Patent Application Serial No. 06/491,929, filed on May 5, 1983. As set forth above, the new claims are directed to the following subject matter:

<u>New Claim No.</u>	<u>Subject Matter</u>	<u>Correspondence to Original Claims</u>
506	polynucleotide sequence covalently attached to an antibody	72
507	said antibody is monoclonal	73
508	polynucleotide sequence covalently to a lectin	74
509	polynucleotide sequence covalently attached to a saccharide . . . 20 units	75
510	polynucleotide sequence covalently attached to a receptor	76
511	polynucleotide sequence covalently attached to a hormone	77
512	DNA molecule carrying a polynucleotide portion which comprises a sequence . . . poly dGT, . . . and a sequence or segment of repeating low complexity	78

<u>New Claim No.</u>	<u>Subject Matter</u>	<u>Correspondence to Original Claims</u>
513	filamentous phage containing the DNA . . .	79
514	. . . a M13 phage or a M13 phage variant	80
515	. . . said sequence is an oligonucleotide	81
516	DNA molecule . . . further carrying a poly- nucleotide sequence complementary to a gene sequence or portion . . . of a nucleic acid containing organism	82
517	said organism is selected from . . . a virus, a prokaryotic cell and a eukaryotic cell	83
518	said prokaryotic cell is a bacterium	84
519	said eukaryotic cell is a mammalian cell	85
520	filamentous phage containing the DNA . . .	86
521	filamentous phage . . . comprising a M13 phage or a M13 phage variant	87
522	circular DNA molecule covalently attached to a non-radiolabeled signal generating moiety	88
523	filamentous phage containing the circular DNA molecule . . .	89
524	DNA molecule . . . further carrying a poly- nucleotide portion . . . poly dGT, . . . and a sequence or segment of repeating low complexity	90

<u>New Claim No.</u>	<u>Subject Matter</u>	<u>Correspondence to Original Claims</u>
525	circular DNA molecule . . . which carries a polynucleotide portion which is rich in cytosine residues	91
526	said sequence is an oligonucleotide	92
527	DNA molecule . . . further carrying a poly- nucleotide portion which comprises a sequence coding for part or whole of a gene	93
528	said signal generating moiety comprises an enzyme	96
529	said signal generating moiety comprises a biotin moiety	97
530	said signal generating moiety comprises an antibody	98
531	said signal generating moiety comprises a fluorogenic compound	99

Entry of the foregoing new claims 506-531 is respectfully requested.

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SUMMARY AND CONCLUSIONS

Claims 283-362, 364-380, 382-398, 400-404, 406-439 and 441-531 are presented for further examination on the merits. Claims 506-531 have been added above. No new matter has been inserted by any of the new claims presented hereinabove.

No fee is believed due for presenting new claims 506-531, the number of total claims and independent claims being less than the 650 total claims and 46 independent claims paid for in connection with Applicants' June 29, 1998 Amendment Under 37 C.F.R. §1.116. In the event that any additional fee or fees are due, however, The Patent and Trademark Office is hereby authorized to charge any such fee or fees to Deposit Account No. 05-1135, or to credit any overpayment thereto.

If it would be helpful to expediting the prosecution of this application, the undersigned may be contacted by telephone at 212-583-0100 during the daytime business hours.

Early and favorable action on this application is respectfully sought.

Respectfully submitted



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